

## Refine Search

### Search Results -

Terms	Documents
L10 and extract\$9	4

**Database:**  
 US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

### Search History

**DATE:** Saturday, October 27, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

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side by side

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L12</u>	L10 and extract\$9	4	<u>L12</u>
<u>L11</u>	L10 and extract\$9 and distil\$9	4	<u>L11</u>
<u>L10</u>	ethyl lactate.ti. and lactic acid and ethanol	18	<u>L10</u>
<u>L9</u>	ethyl lactate and lactic acid and ethanol	1343	<u>L9</u>

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L8</u>	L4 and distil\$9	0	<u>L8</u>
<u>L7</u>	L4 and extract\$9	0	<u>L7</u>
<u>L6</u>	L4 and extract\$9 or distil\$9	276053	<u>L6</u>
<u>L5</u>	L4 and extract\$9 and distil\$9	0	<u>L5</u>
<u>L4</u>	2406648.pn.	1	<u>L4</u>
<u>L3</u>	L2 and distill\$9	1	<u>L3</u>
<u>L2</u>	L1 and extract\$9	1	<u>L2</u>
<u>L1</u>	6664413.pn. and flash\$9	1	<u>L1</u>

## Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 20060041165 A1

L11: Entry 1 of 4

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060041165

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060041165 A1

TITLE: Continuous ethyl lactate preparation method

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tretjak; Serge	Rouhling		FR
Burtin; Elie	Longeville-Les-Saint-Avold		FR
Teissier; Remy	Francheville		FR

US-CL-CURRENT: 560/179

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn De](#)

2. Document ID: US 20060014976 A1

L11: Entry 2 of 4

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060014976

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060014976 A1

TITLE: Continuous method for preparing ethyl lactate

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Martino-Gauchi; Georges	Lyon		FR
Teissier; Remy	Franceville		FR

US-CL-CURRENT: 560/179

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn De](#)

## Γ 3. Document ID: WO 2004052826 A2

L11: Entry 3 of 4

File: EPAB

Jun 24, 2004

PUB-NO: WO2004052826A2

DOCUMENT-IDENTIFIER: WO 2004052826 A2

TITLE: CONTINUOUS METHOD FOR PREPARING ETHYL LACTATE[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstracts](#) [Documents](#) [Claims](#) [KIMC](#) [Draw. D](#)

## Γ 4. Document ID: WO 2004052825 A2

L11: Entry 4 of 4

File: EPAB

Jun 24, 2004

PUB-NO: WO2004052825A2

DOCUMENT-IDENTIFIER: WO 2004052825 A2

TITLE: CONTINUOUS ETHYL LACTATE PREPARATION METHOD[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstracts](#) [Documents](#) [Claims](#) [KIMC](#) [Draw. D](#)[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
L10 and extract\$9 and distil\$9	4

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Generate OACS					

### Search Results - Record(s) 1 through 10 of 18 returned.

1. Document ID: US 20060041165 A1

L13: Entry 1 of 18

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060041165

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060041165 A1

TITLE: Continuous ethyl lactate preparation method

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tretjak; Serge	Rouhling		FR
Burtin; Elie	Longeville-Les-Saint-Avold		FR
Teissier; Remy	Francheville		FR

US-CL-CURRENT: 560/179

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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2. Document ID: US 20060014976 A1

L13: Entry 2 of 18

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060014976

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060014976 A1

TITLE: Continuous method for preparing ethyl lactate

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Martino-Gauchi; Georges	Lyon		FR
Teissier; Remy	Franceville		FR

US-CL-CURRENT: 560/179

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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## [ ] 3. Document ID: US 6051607 A

L13: Entry 3 of 18

File: USPT

Apr 18, 2000

US-PAT-NO: 6051607

DOCUMENT-IDENTIFIER: US 6051607 A

TITLE: Vascular embolizing compositions comprising ethyl lactate and methods for their use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KM/C	Draw. D
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## [ ] 4. Document ID: JP 2005154290 A

L13: Entry 4 of 18

File: JPAB

Jun 16, 2005

PUB-NO: JP02005154290A

DOCUMENT-IDENTIFIER: JP 2005154290 A

TITLE: METHOD FOR PRODUCING ETHYL LACTATE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KM/C	Draw. D
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## [ ] 5. Document ID: JP 08208565 A

L13: Entry 5 of 18

File: JPAB

Aug 13, 1996

PUB-NO: JP408208565A

DOCUMENT-IDENTIFIER: JP 08208565 A

TITLE: PRODUCTION OF ETHYL LACTATE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KM/C	Draw. D
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## [ ] 6. Document ID: WO 2004052826 A2

L13: Entry 6 of 18

File: EPAB

Jun 24, 2004

PUB-NO: WO2004052826A2

DOCUMENT-IDENTIFIER: WO 2004052826 A2

TITLE: CONTINUOUS METHOD FOR PREPARING ETHYL LACTATE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KM/C	Draw. D
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## [ ] 7. Document ID: WO 2004052825 A2

L13: Entry 7 of 18

File: EPAB

Jun 24, 2004

PUB-NO: WO2004052825A2

DOCUMENT-IDENTIFIER: WO 2004052825 A2

TITLE: CONTINUOUS ETHYL LACTATE PREPARATION METHOD[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Document](#) | [Collection](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

[ ] 8. Document ID: CN 1740331 A

L13: Entry 8 of 18

File: DWPI

Mar 1, 2006

DERWENT-ACC-NO: 2006-455429

DERWENT-WEEK: 200647

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TITLE: Biological refining production of ethyl lactate and technological process for common product[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Document](#) | [Collection](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

[ ] 9. Document ID: CN 1594585 A

L13: Entry 9 of 18

File: DWPI

Mar 16, 2005

DERWENT-ACC-NO: 2005-770440

DERWENT-WEEK: 200645

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TITLE: Process for enzymatic synthesis of ethyl lactate in solvent phase[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Document](#) | [Collection](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

[ ] 10. Document ID: KR 2005084179 A, FR 2848209 A1, WO 2004052825 A2, AU 2003298421 A1, EP 1569891 A2, BR 200317047 A, US 20060041165 A1, JP 2006509024 W, CN 1720215 A, =M X200500596 2A

L13: Entry 10 of 18

File: DWPI

Aug 26, 2005

DERWENT-ACC-NO: 2004-462278

DERWENT-WEEK: 200644

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TITLE: Continuous production of ethyl lactate by esterifying lactic acid with ethanol, comprises using a flash column and distillation column for product recovery[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Document](#) | [Collection](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)[Terms](#)[Documents](#)

L10

18

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